# PRAME nuclear receptor transcriptional regulator Antibody

Mouse Monoclonal Antibody [Clone PRAME/9188]

| Catalog No | Format | Size |
|---|---|---|
| 23532-MSM8-P1ABX | Purified Ab WITHOUT BSA and Azide at 1.0mg/ml | 100 ug |
| 23532-MSM8-P1 | Purified Ab with BSA and Azide at 200ug/ml | 100 ug |
| 23532-MSM8-P0 | Purified Ab with BSA and Azide at 200ug/ml | 20 ug |

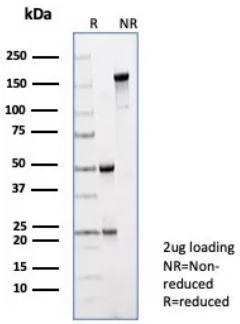
| Applications | Tested Dillution | Note |
|---|---|---|
| Immunohistochemistry (IHC) | 1-2ug/ml | 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes |
| Western Blot (WB) | 2-4ug/ml | |

## Product Details

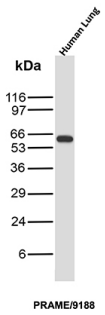
| | |
|---|---|
| **Clone** | PRAME/9188 |
| **Gene Name** | PRAME |
| **Immunogen** | Recombinant fragment (around aa100-250) of human PRAME protein (exact sequence is proprietary) |
| **Host** | Mouse |
| **Clonality** | Monoclonal |
| **Isotype / Light Chain** | IgG2b / Kappa |
| **Mol. Weight of Antigen** | 58kDa |
| **Cellular Localization** | Cell membrane, Chromosome, Cytoplasm, Golgi apparatus, Nucleus |
| **Species Reactivity** | Human |
| **Positive Control** | SK-MEL-2 cells. Human testis or melanoma. lung. |

**Optimal dilution for a specific application should be determined.*

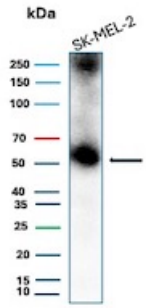
## Product Images for PRAME nuclear receptor transcriptional regulator Antibody



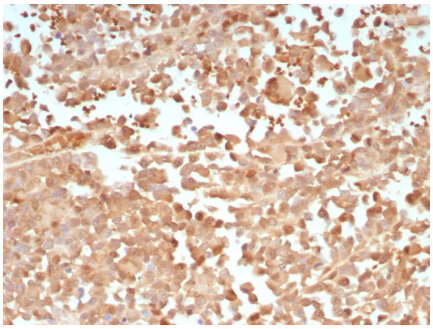

SDS-PAGE Analysis of Purified PRAME Mouse Monoclonal Antibody (PRAME/9188). Confirmation of Purity and Integrity of Antibody.




Western blot analysis of human lung lysate using PRAME nuclear receptor transcriptional regulator Mouse Monoclonal Antibody (PRAME/9188).




Western blot analysis of SK-MEL-2 cell lysate using PRAME nuclear receptor transcriptional regulator Mouse Monoclonal Antibody (PRAME/9188).



Formalin-fixed, paraffin-embedded human melanoma stained with PRAME Mouse Monoclonal Antibody (PRAME/9188). HIER: Tris/EDTA, pH9.0, 45min. 2°C: HRP-polymer, 30min. DAB, 5min.

## Specificity & Comments

Functions as a transcriptional repressor, inhibiting the signaling of retinoic acid through the retinoic acid receptors RARA, RARB and RARG. Prevents retinoic acid-induced cell proliferation arrest, differentiation and apoptosis. This gene encodes an antigen that is preferentially expressed in human melanomas and that is recognized by cytolytic T lymphocytes. It is not expressed in normal tissues, except testis. The encoded protein acts as a repressor of retinoic acid receptor, and likely confers a growth advantage to cancer cells via this function. Alternative splicing results in multiple transcript variants.

## Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA at 1.0mg/ml.

## Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody is stable for 24 months. ,Non-hazardous. No MSDS required.

## Research Areas

Apoptosis, Cell Biology

## Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.